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C L A I M S

1. An asphalt-epoxy resin composition which contains in the indicated proportions (A) from 75 to 93 wt% asphalt, (B) from 1 to 5 wt% epoxy resin and (C) from 6 to 20 wt% maleic acid modified thermoplastic polymer wherein the
5 total amount of (A) + (B) + (C) is 100 wt%, and wherein the aforementioned epoxy resin (B) is a ternary copolymer comprising (i) lower α -olefin, (ii) lower alkyl acrylate or methacrylate and (iii) glycidyl acrylate or glycidyl methacrylate, and the molecules have terminal glycidyl
10 groups.
2. An asphalt-epoxy resin composition according to Claim 1, wherein the (i) lower α -olefin is ethylene, propylene or butylene.
3. An asphalt-epoxy resin composition according to
15 Claim 1 or 2, wherein the lower alkyl group of the lower alkyl acrylate or methacrylate (ii) is a methyl, ethyl, propyl or butyl group.
4. An asphalt-epoxy resin composition according to any one of Claims 1 to 3, wherein the epoxy resin (B) is a
20 ternary copolymer comprising (i) ethylene, (ii) n-butyl acrylate or methacrylate and (iii) glycidyl acrylate or glycidyl methacrylate, and the molecules have terminal glycidyl groups.
5. An asphalt-epoxy resin composition according to any
25 one of Claims 1 to 4, wherein the epoxy resin (B) is a ternary copolymer comprising (i) from 30 to 90 wt% ethylene, (ii) from 10 to 70 wt% n-butyl acrylate or methacrylate and (iii) from 0.5 to 30 wt% glycidyl acrylate or glycidyl methacrylate, wherein the total

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amount of (i) + (ii) + (iii) is 100 wt%, and the molecules have terminal glycidyl groups.

- 5 6. An asphalt-epoxy resin composition according to any one of Claims 1 to 5, wherein the maleic acid modified thermoplastic polymer (C) is selected from one or more compounds of maleinated polyolefins, such as maleinated polyethylene and maleinated polypropylene, maleinated ethylene-vinyl acetate copolymers, petroleum resins produced from maleic acid modified petroleum fractions, 10 maleic acid modified ethylene-ethyl acrylate copolymers, and maleic acid styrene-ethylene-butylene-styrene block copolymers (SEBS).
- 15 7. An asphalt-epoxy resin composition, according to any one of Claims 1 to 6, wherein the maleic acid modified thermoplastic polymer (C) comprises (iv) a polymer of melting point from 80 to 105°C where an ethylene-ethyl acrylate copolymer has been modified with maleic acid and the proportion of said polymer with respect to the asphalt-epoxy resin composition is from 0.1 to 18 wt%, 20 and (v) a maleic acid modified styrene-ethylene-butylene-styrene block copolymer (SEBS) and the proportion of said polymer with respect to the asphalt-epoxy resin composition is from 2 to 6 wt%, and wherein the total amount of (iv) + (v) is from 6 to 20 wt%.
- 25 8. An asphalt-epoxy resin composition according to any one of Claims 1 to 7, wherein the asphalt is an oil-extended asphalt.
9. Use of an asphalt-epoxy resin composition according to any one of Claims 1 to 8 for pavement applications.